

TOP SECRET



**MISSION
COVERAGE
STATISTICS**

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

KH-4 MISSION 1112-2

25-30 NOVEMBER, 1-7 DECEMBER 1970

Declass Review by NIMA / DoD

25X1



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DECEMBER 1970

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INTRODUCTION

This publication provides preliminary coverage data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC chart areas, coverage plots, and preliminary data for Mission 1112-2, dated 25-30 November 1970, 1-7 December 1970 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame outside the pass outline. In event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

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PRELIMINARY MISSION DATA

Mission Number: 1112-2

Launch Date/Time (GMT): 18 November 1970/2129

Photo Dates (GMT): 25-30 November 1970, 1-7 December 1970

Recovery Date/Time (GMT): 7 December 1970/2244

Operational Photo Passes: 47

Operational Altitude Limits: 92 - 109 Nautical Miles

Photo Scale Range: 1:278,904 - 1:333,864

Operational Ground Coverage (Aft):

- a. Linear Nautical Miles 24,528
- b. Square Nautical Miles 3,433,920

Frames:

- a. Operational
Aft-Looking 3,066
- b. Stellar 140
- c. Index 70

Operational Imagery Footage (Aft): 7,594

Anomalies: The fwd camera and DISIC unit failed to operate on Mission 1112-2.

Vehicle Attitude: Normal

Image Quality: The overall image quality of the aft camera material is good and comparable to the best of this system. Most imagery maintains edge sharpness at magnifications above 50 times. An MIP of 115 is assigned to this mission.

Cloud Free Coverage: Approximately 85 percent of the entire mission is cloud free.

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GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute.

MISSION 1112-2

PASS	DATE (Z)	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
107D	25 November 1970	11	28	11	30
118D	26 November 1970	03	40	03	42
120D	26 November 1970	06	42	06	46
123D	26 November 1970	11	05	11	06
133D	27 November 1970	01	50	01	51
134D (1)	27 November 1970	03	18	03	19
134D (2)	27 November 1970	03	22	03	23
136D	27 November 1970	06	20	06	21
151D	28 November 1970	04	26	04	28
152D	28 November 1970	06	00	06	02
166D	29 November 1970	02	35	02	37
167D	29 November 1970	04	09	04	10
168D	29 November 1970	05	38	05	42
171D	29 November 1970	10	05	10	08
183D (1)	30 November 1970	03	42	03	43
183D (2)	30 November 1970	03	45	03	48
184D	30 November 1970	05	15	05	18
187D	30 November 1970	09	43	09	46
199D	1 December 1970	03	19	03	23
200D	1 December 1970	04	49	04	53
201D	1 December 1970	06	19	06	22
203D (1)	1 December 1970	09	12	09	13
203D (2)	1 December 1970	09	19	09	20
215D	2 December 1970	02	59	03	02
216D	2 December 1970	04	29	04	32
217D	2 December 1970	05	59	06	00
218D (1)	2 December 1970	07	25	07	26
218D (2)	2 December 1970	07	28	07	29
220D	2 December 1970	10	23	10	25
232D (1)	3 December 1970	04	05	04	07
232D (2)	3 December 1970	04	07	04	11
233D	3 December 1970	05	36	05	40
234D	3 December 1970	07	04	07	05
236D (1)	3 December 1970	10	01	10	03
236D (2)	3 December 1970	10	19	10	20
237D	3 December 1970	11	32	11	33

Mission 1112-2 (Continued)

PASS	DATE (Z)	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
248D (1)	4 December 1970	03	42	03	43
248D (2)	4 December 1970	03	45	03	48
249D	4 December 1970	05	17	05	17
250D	4 December 1970	06	38	06	39
253D	4 December 1970	11	08	11	09
263D	5 December 1970	01	50	01	52
264D	5 December 1970	03	23	03	27
265D (1)	5 December 1970	04	48	04	50
265D (2)	5 December 1970	04	53	04	55
266D	5 December 1970	06	16	06	18
268D	5 December 1970	09	13	09	14
279D	6 December 1970	01	29	01	30
280D	6 December 1970	03	01	03	04
281D	6 December 1970	04	25	04	27
282D	6 December 1970	05	55	05	57
284D	6 December 1970	08	58	08	59
296D	7 December 1970	02	40	02	42
297D	7 December 1970	04	11	04	11
298D	7 December 1970	05	40	05	42

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EURASIA

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